KVM SWITCH

(OC-12U)

USER MANUAL V1.0
OC-12U

Package Contents –

- 1 Smart View OC-12U KVM Switch
- 1 User Manual

Any thing missed, please contact with your vendor.

Features

- Controls two PCs with one PS/2 keyboard, PS/2 mouse and monitor respectively
- USB 1.0, 1.1 & 2.0 Specification compliant and supports UHCI, OHCI & EHCI host controller
- Supports the standard PS/2 mouse & Microsoft IntelliMouse (for Max. 5-button/scroll mouse)
- Supports the Windows 98/98se/Me/2000/XP, Linux, Apple Mac OS 8.51 or higher and SUN Microsystems, etc
- Superior video quality - Up to 1920 x 1440, DDC2, DDC2B, DDC2AB, 200MHz
- Supports selecting PC by mouse clicking
- 2 ways for PC selection -- Mouse clicking or hot key
- Easy to install--No software required
- Hot Pluggable
- Integral keyboard and mouse emulation for PC booting error free
- Auto scan function to monitor PCs
- Auto skips over the power-off PC

Specifications

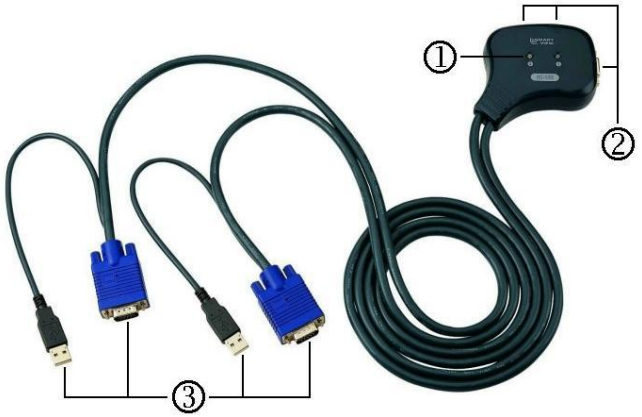
Function		OC-12U
PC Connectors		2
Port Selection		Hot Key / Mouse Clicking
LEDs	Selection	2
Emulation	Keyboard	USB
	Mouse	USB
Connector-Console Port	Keyboard	1x6 pin mini-DIN Female (PS/2)
	Mouse	1x6 pin mini-DIN Female (PS/2)
	Monitor	1x HD-15 Female
Connector-CPU Port	Keyboard / Mouse	2x USB A-Type
	Monitor	2x HD-15 Male
VGA Resolution		1920x1440 (Max.), DDC2, DDC2B, DDC2AB, 200MHz
Scan Interval		5 sec ~ 30 sec
Housing		Plastic
Weight		380 g
Dimensions (LxWxH)		90x82x26 mm
Cable Length		1.5 meter
Storage Temp		-20°c to 85°c
Operating Temp		0°c to 70°c
Humidity		0% to 95%

Hardware Requirements

	Requirement specifications
Console	One highest resolution VGA, SVGA or Multisync monitor. One PS/2 mouse. One PS/2 keyboard.
PC	One VGA, SVGA or Multisync card. One USB port.

Appearance

Top View



1. Port LEDs
2. Console Port Connectors
3. CPU Port Connectors

Installation

Before the installation, make sure the peripherals of all PCs are grounded properly and turned off.

1. Connect the monitor, keyboard and mouse with the Console Port Connectors.
2. Plug the CPU Port Connectors into the PCs.
3. Turn on the PCs.

Operation

1. The function of LED display:

LED DISPLAY	DESCRIPTION
Light off	PC power off
Green light on	PC power on and connected
Green light on & Red light flashing	PC power on, connected and selected

Note: It occurs occasionally that the green light of LED display is on and the red light of LED display keeps flashing after shutting down the PC because of the PC default. The condition will not affect the regular operation of KVM switch.

2. 2 ways for PC selection –Mouse clicking or hot key

2-1 Mouse clicking

Operation	Function
[Middle button] + [Left Button] or [Middle button] + [Right Button]	Access between two PCs.

Note: 2-Key Mouse is NOT applicable.

2-2 Hot Key option

Hot Key Navigation allows you to select PC from the keyboard directly.

Options for Hot Key Navigation:

- Select PC by Hot Key
- Command mode
- Auto scan mode

▪Select PC by Hot Key:

Press either left or right [Ctrl] key twice.

Hot Key Operation	Function
[L Ctrl] + [L Ctrl] or [R Ctrl] + [R Ctrl]	Access between two PCs.

▪Command Mode:

Press [Num Lock] key twice, and the 3 keys [Num Lock], [Caps Lock] and [Scroll Lock] will flash to access the Command Mode.

a). Directly press the function key [F1] ~ [F2] to select PC.
b). Press [Left Ctrl] key to disable [Ctrl] hot key function.
c). Press [Right Ctrl] key to enable [Ctrl] hot key function.
d). Press [Left Win] key or mouse [Middle button] + [Left Button] to disable Mouse clicking function.
e). Press [Right Win] key or mouse [Middle button] + [Right Button] to enable Mouse clicking function.

f). Press [Left Alt] key to disable Auto skip function.
g). Press [Right Alt] key to enable Auto skip function.
h). Press [Esc] or [Enter] key to quit the mode.

Note: [Ctrl] Hot Key function – Selecting PC ports.

▪Auto Scan Mode:

Press [Scroll Lock] key twice to activate the Auto Scan Mode. The time scale of Auto Scan ranges from 5 to 30 seconds, and it can be recognized by the lights of the 3 keys [Num Lock], [Caps Lock] and [Scroll Lock] as the timetable below.

a). Press the right number key [+] to increase time scale.
b). Press the right number key [-] to decrease time scale.
c). Press [Esc] key to quit the mode.

Note: Light(s) corresponding timetable

Seconds	Num Lock	Caps Lock	Scroll Lock
5 seconds	Off	Off	On
10 seconds	On	Off	Off
15 seconds	On	Off	On
20 seconds	Off	On	Off
25 seconds	Off	On	On
30 seconds	On	On	Off

3. The boot-up default of Smart View KVM Switch is connected to your first activated PC.
4. When the PC is shut down under the function of "Auto skips over the power-off PC", it cannot be turned on again by keyboard.

Troubleshooting

Make sure the cables are qualified and positioned.

Q1 : **The keyboard does not respond accurately.**
A1a: Re-install the keyboard. Unplug the keyboard from the Console Port and plug it back again.
A1b: Re-install the KVM Switch. Shut down the PCs, unplug the cables from the PCs and wait for five seconds. Then plug the cables back and activate the PCs.
A1c: When under Auto Scan Mode, please press [Esc] key to escape.
A1d: Try another keyboard.

Q2 : **The mouse does not respond accurately.**
A2a: Re-install the mouse. Unplug the mouse from the Console Port and plug it back again.

A2b: Re-install the KVM Switch. Shut down the PCs, unplug the cables from the PCs and wait for five seconds. Then plug the cables back and activate the PCs.
A2c: Make sure the mouse is set on PS/2 mode.
A2d: Try another mouse.

Q3 : **The mouse is out of control.**
A3 : The characteristic of the mouse is inefficient. Try another superior mouse and plug it back again.

Q4 : **There is the video problem.**
A4 : The setting of resolution or bandwidth is over high. Smart View supports the VGA, SVGA, Multisync and XGA (interlaced) with the resolution up to 1920 x 1440 Hz. The maximum bandwidth is 200 MHz.

Q5 : **Why the green light of LED display is on and red light keeps flashing after shutting down the PC?**
A5 : The condition is normal and caused from the PC default. The condition will not affect the regular operation of KVM switch.

Q6 : **When KVM Switch connect with USB Hub, but the light has gone out.**
A6a: Re-install the USB Hub.
A6b: The USB Hub please use addition external power not attaching internal power.

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